

# Water Audit Level 1 Validation- Validator Review & Certification Statement

## Water System(s) This Audit Covers:

**Public Water System Identification (PWSID)**<sup>1</sup>: CA 0510019      **Water System Name** Calaveras County Water District: Wallace

<sup>1</sup>List only 1 PWSID which should match the PWSID on the FWAS Instructions Tab. For Special cases where the audit covers multiple water systems connected with permanent two-way interties, list those additional PWSIDs in the **Notes** below and describe the water distribution system(s) configuration.

## **Notes (Provided to Validator by Water System):**

Fiscal Year 20/21 Water Audit materially similar to prior year's audits, although some issues with data management persist. District in process of converting to Automatic Meter Infrastructure (AMI) system to replace existing end user meters. Plans include upgrades to data acquisition and management systems which should improve future audits.

## Audit Period:

**Water System Representatives:** Brad Arnold

## **Validation Date:**

**Sufficient Supporting Documents Provided:** Yes

**Validation Findings & Confirmation Statement:** Accept audit findings with some changes.

## Key Audit Metrics:

**Data Validity Score:** 64      **Data Validity Band (Level):** III (51-70)

ILI N/A

**Real Loss:** 7.308 MG

**Non-revenue water as percent of cost of operating system:** 2.2

**Apparent Loss:** 0.376 MG

## **Cerification Statement by Validator:**

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

*If not, rejected recommendations are included here:*

## Validator Information:

**Water Audit Validator:** Chris Hewes

**Validator Qualifications:** Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Validator Provided

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### **Notes:**

## Water Audit & Water Loss Improvement Steps:

**1. Steps Taken:** Water System to identify steps taken in the preceding 3 years to increase data validity, reduce real loss, and reduce apparent loss as informed by the annual validated water audit:

- Water Meter Replacement/AMI Project (ongoing conversion project).

**2. Planned Steps (OPTIONAL):** If your audit reflects negative real losses or the cost of non-revenue water is greater than 100% of the operating costs (issues for which your audit will not meet code requirements), you will be asked what steps you are planning in the coming year to address these issues. If you already know what steps you plan to take, you may list them here. If not, please prepare a response within 90 days (23 CCR Section 638.6[a]).

## **Certification Statement by Utility Executive**

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Michael Minkler

Executive Position

General Manager

Signature

DocuSigned by:

Michael Minkler

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Date

12/30/2021